

9. (Amended) An electronic device, comprising:

a sensor for detecting the ambient light color spectrum;

a liquid crystal display (LCD) panel having a variable white balance,

including,

an LCD screen,

a first light source having a first color spectrum,

a second light source having a second color spectrum,

an optical path directing said first light source and said second light

source onto said LCD screen, and

a control circuit for adjusting the relative intensity of said first and second light source wherein said first light source and said second light source are mixed in the optical path thereby creating a white balanced spectrum; and

a feedback control circuit connected to the control circuit wherein the feedback control circuit adjusts the relative light intensity of the first and second light sources to compensate for changes in ambient light color spectrum changes.

10. (Amended) An electronic device, comprising:

an liquid crystal display screen;

a first light source having a first color spectrum;

a second light source having a second color spectrum;

an optical path directing the first and second light sources onto the liquid crystal display screen;

a sensor for detecting the ambient light color spectrum; and

a control circuit including a feedback control circuit connected to the sensor for adjusting the relative intensity of said first and second light source to compensate for changes in ambient light color spectrum changes wherein said first light source and said second light source are mixed in the optical path thereby creating a white balanced spectrum.

11. (Amended) A method for adjusting the white balance on a liquid crystal display (LCD), comprising the steps of:

detecting the ambient light color spectrum;

illuminating the LCD with a first light source having a first color spectrum;

illuminating the LCD with a second light source having a second color spectrum; and

adjusting the relative intensity of the first and second light sources to compensate for changes in ambient light color spectrum changes thereby mixing
5 said first and second color spectrums to create a white balanced spectrum.

REMARKS

10 Claims 1, 9, 10, and 11 have been amended. Claims 1-20 remain in the application. Further examination and reconsideration of the application, as amended, is hereby requested. A marked up version of the changes to the claims is found in Appendix A.

15 In the Section of the Office Action dealing with Allowable Subject Matter, the Examiner objected to claim 9 as being dependent upon a rejected base claim, but stated that it would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims. Applicants wish to express their appreciation to the Examiner for the allowance of claim 9.

20 Applicants have amended claim 9 to include the limitations of base claim 1 and intervening claim 7. Claim 9, as amended, is believed patentable over the art made of record and its allowance is respectfully requested.

25 In Section 2 of the Office Action, the Examiner rejected claims 1, 7, 10, 11, 6, 17 and 18-20 as being anticipated by Tognoni. Applicants have amended independent claims 1, 10, and 11 to include the limitations found in claim 9 which was indicated as being allowable if amended. Accordingly, Applicants believe that claims 1, 10, and 11 (as amended) are now patentable over the art made of record and withdrawal of the rejection under 35 USC 102(e) and allowance of
30 claims 1, 10 and 11 is respectfully requested.

35 Additionally, in Section 3 of the Office Action, the Examiner rejected claims 2-5, 8, and 12-16 under 35 USC 103 as being unpatentable over Tognoni in view of Evanicky and in view of Sylvester. Dependent claims 2-8 and 12-20 depend directly or indirectly on base claims 1 and 11, respectively, and are deemed patentable based at least on the patentability of their base claims which have been amended to distinguish over the art made of record. Accordingly, withdrawal of the rejections under 35 USC 102 and 103 and allowance of claims 2-8 and 12-20 is respectfully requested.